



300-915^{Q&As}

Developing Solutions using Cisco IoT and Edge Platforms (DEVIOT)

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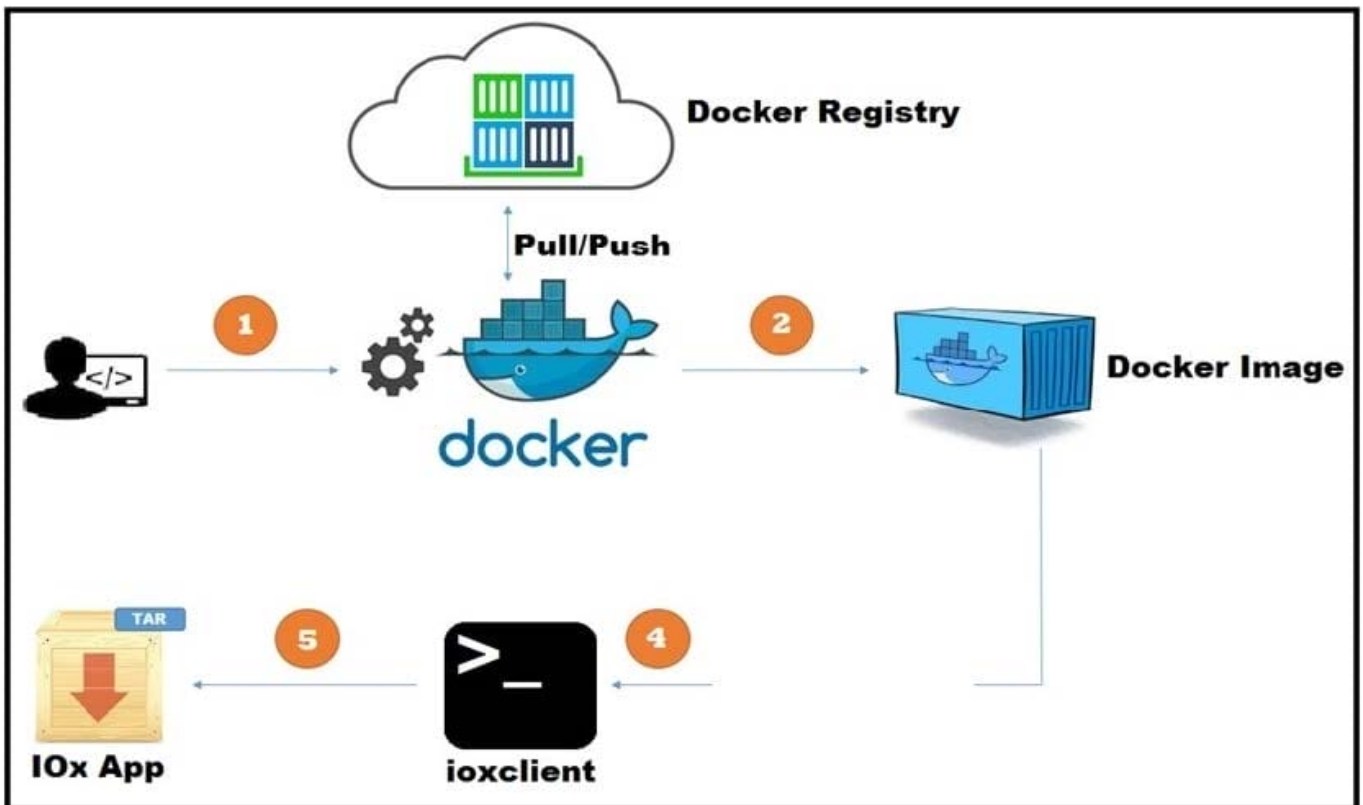
QUESTION 1

Which lightweight protocol is used to send data from the edge compute resources to the cloud?

- A. MQTT
- B. XMPP
- C. AMQP
- D. MT Connect

Correct Answer: A

QUESTION 2



Refer to the exhibit. A new application has just been developed as a Docker container. What is the missing step for packaging the container ready for deployment in IOx?

- A. Pull/push the image to the Docker registry.
- B. Build the package.yaml files.
- C. Build the package.cert file to sign the app.
- D. Log in to device manager and load the application.



Correct Answer: B

QUESTION 3

As part of an IoT project, an organization is developing an application that will share multiple clients using a REST API.

Based on the software development process, what are two valid technical activities that can be suggested to secure the REST API that is developed during the development of the software? (Choose two.)

- A. Respond to request failures in detail to allow users for easier troubleshooting.
- B. Implement HTTP whitelisting to only methods that are allowed.
- C. Implement and review audit logs for security-related events.
- D. Reject HTTP methods that are invalid with an error code 404.
- E. Implement physical firewalling and access control to the resources.

Correct Answer: BD

QUESTION 4

When trying to subscribe to an MQTT broker on the internet, the MQTT client is on a private subnet and must be NATed to reach the public broker.

What is the expected outcome when this configuration is in place?

- A. The client periodically reconnects to the default gateway.
- B. The client connects only once using the PENDING message to the broker.
- C. The client periodically reconnects to the broker over the NAT connection.
- D. The client connects only once using the CONNECT message to the broker.

Correct Answer: D

QUESTION 5

A company is collecting data from several thousand machines globally. Which software component in the overall architecture is the next destination of the dataflow after the data has been gathered and normalized on the edge data software?

- A. relational database: MySQL
- B. historian database: influxDB
- C. message broker: Apache Kafka
- D. dashboard: Node.js web app



Correct Answer: B

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